

~~SECRET~~

Approved For Release 2000/08/03 : CIA-RDP75-00662R000200040124-2

~~SECURITY INFORMATION~~

149

17 September 1952

TO :

FROM :

25X1A9a

SUBJECT: Periodic Report No. 2

25X1C8c

1. I am enclosing 4 rolls of exposed film and applicable logs that [redacted] and I took of various [redacted]. The logs 25X1B4d will give you an idea of the range of items photographed. We do not require prints, but would like comments on the quality of the work.

25X1X7
25X1X7
25X1C8c

25X1X7

25X1X7

2. For any collection [redacted] in the field in a hot or cold war 25X1B4d situation, [redacted] will be relying mainly on the various services for the actual collection. [redacted] itself does not have the manpower to operate field teams. [redacted] feels that it will not be a difficult problem to sell the services on the idea of [redacted] once we have gotten into operation. For this reason, 25X1B4d it is quite desirable to test and develop a [redacted] light. It has to be a [redacted] light which the services can secure through their Ministry of Supply. Guided by a photographic expert in one of the agencies here, we spent the major part of one day talking to a strobe manufacturer. We took a Heiland unit along to show the type of equipment which had proved quite successful under severe conditions. For a bit of background for the set we are most impressed with I offer you the following opinion: The average [redacted] is just not as gimmick-minded as his American counter- part. This is my own opinion on the basis of an admittedly small sample, and it is an opinion that [redacted] and [redacted] the strobe manufacturer, 25X1A kept calling to my attention. [redacted] admired the Heiland battery pack very much but said that the average [redacted] user would either fail to add 25X1X7 water or fill it to the top and thus corrode the aluminium case. Thus, securing a reasonably fool proof system has been a major consideration in all design decisions. If a battery should be recharged each six months, the instructions read to charge each month in hope that they will be recharged at least once a year.

25X1X7
25X1C8c

3. The set under consideration has been made only in prototype, with production scheduled in about six weeks. The power pack is in a leather case about 6x9 inches. This unit contains the condensers and a dry cell battery unit. This battery unit is supposed to give between three and four thousand flashes, and to give full service even after it has been in storage up to nine months. They do not at present have what I would consider a suitable light but are willing to build one using the "Minor" case (literature enclosed) recessing the light and protecting it with plexiglass. The light itself is a plug-in-tube which is easily changed in case of failure. The light case will also contain the necessary transformer for

~~SECRET~~

Approved For Release 2000/08/03 : CIA-RDP75-00662R000200040124-2

~~SECURITY INFORMATION~~

OCT 1 1952
2014 25

SECRET
SECURITY INFORMATION

working off main power lines. The main power circuit will have at least two variations and can be set for 110 or 220 volts with the flick of a switch. One aspect of the light that you would be very interested in is that by use of a simple rheostat type switch that light output can be set at 25, 50, or 100 watt-seconds. This compares with a 60 watt-second output of the Heiland. This, I understand, is done by varying the amount of condenser used, with build-up time varying with the output of light desired. Maximum build-up time is eight seconds.

4. The power unit complete with batteries will weight $9\frac{1}{2}$ pounds. The weight of the light is estimated at approximately 5 pounds. I understand that you at one time considered dry cell batteries and rejected them in favor of rechargeable wet cells, and think that I am aware of most of your major complaints against dry cells. I have pointed these out, but it is felt that having a simple system which requires little maintenance from a non-gimmick minded [redacted] soldier out weighs these disadvantages. The power pack is designed so that either [redacted] or American HT batteries can be used. The battery weighs approximately $4\frac{1}{2}$ pounds. Thus, figured on a basis of 300 photographs a day, one extra battery would allow a team to operate for 20 days away from a main source of supply. 25X1X7 25X1X7

5. I also found that I can have a transformer made weighing only two pounds or less which would be suitable for recharging the Heiland batteries and running the Heiland strobe directly from the main power lines. This compares very favorably with the usual 20 pound transformer sold for household appliances. Will order a couple of these soon.

6. I would like to sum up my position on this strobe problem: For any U.S. team operation, I feel that the Heiland is still the answer. It can be run off the mains using these small special transformers I mentioned or off the portable generator. The small transformer would not serve for the drills, but it would be possible to have one 220 volt drill for operating off mains in cases where the portable generator is not feasible. But looking ahead to the possibility of a full war in which the [redacted] would collect in their area, [redacted] should be quite ready to direct them and recommend suitable equipment. I feel that we should give all the support we can in developing a suitable flash equipment, and the feeling is quite firm that it should be [redacted] equipment. I think this support can be implemented thru [redacted] in the form of funds to buy a [redacted] strobe and test it in actual use. 25X1X7 25X1A 25X1A9a

7. For analytical purposes, will be working primary with a viewer and negatives and not trying to cope with prints. Have seen a couple of viewers, but haven't seen anything superior to the Kodak to date. We have moved into a new office (complete with red carpet) with the necessary filing cabinets, so it will only be a matter of securing a viewer and easophanes before we are ready to swing into operations. May have to call upon you for support in securing the viewer. Am very anxious to get your latest thoughts on the direction our analytic effort should take. One of the big advantages of the analytic effort in [redacted] will be the ease 25X1A6a

SECRET
SECURITY INFORMATION

SECRET

Approved For Release 2000/08/03 : CIA-RDP75-00662R000200040124-2

SECURITY INFORMATION

25X1B4d

with which we can merge [REDACTED] with collateral information.

8. Noticed an advertisement on the first page of the September 1952 issue of Photography for the "Novoflex Close-Up System". Would be interested in your reactions to this.

9. Think you would be interested in the following reports if you haven't already seen them. If no copy available, will try to secure extra copies here.

- (1) Ref: SAFVMP/1
Subject: Soviet and Satellite AFV Position 25X1X7
- (2) Ref: [REDACTED]
Subject: The Ordnance Industry of the USSR 25X1A2g
- (3) [REDACTED] - [REDACTED] 25X1A2g
Subject: Answers to Certain Questions on [REDACTED] on 25X1B4d
Russian Weapons and Equipment. 25X1A2g 25X1B4d
- (4) [REDACTED] - [REDACTED] 25X1A2g
Subject: Answers to Certain Further Questions on [REDACTED]
on Russian Weapons and Equipment. 25X1B4d 25X1A2g
- (5) [REDACTED] - [REDACTED] 25X1A2g 25X1B4d
Subject: Answers to Certain Questions concerning [REDACTED]
in the USSR. 25X1A2g
- (6) [REDACTED] - [REDACTED] 25X1A2g
Subject: Answers to Certain Questions on 76 MM Gun Production
in Works Number 92 in Ger'kiy. 25X1A2g
- (7) [REDACTED] - [REDACTED] 25X1A2g
Subject: [REDACTED] on Russian AFV Armaments. 25X1B4d
- (8) [REDACTED] - [REDACTED] 25X1A2g
Subject: [REDACTED] on Russian Guns - Part I - Numbers
of Guns Calibre 45 MM and 57 MM. 25X1B4d
- (9) [REDACTED] - [REDACTED] 25X1A2g
Subject: [REDACTED] on Russian Guns - Part II -
Numbers of Guns Calibre 76 MM. 25X1B4d
- (10) [REDACTED] - [REDACTED] 25X1A2g
Subject: [REDACTED] on Russian Guns - Part III -
Numbers of Guns of Calibre greater than 76 MM. 25X1B4d

25X1A6a 10. The quantity and location of [REDACTED] equipment in the [REDACTED] is a little confused. The equipment has been sent to various bases, with no record as to what has been sent where. So what we have is a list of bases which probably possess Russian equipment. 25X1B4d 25X1C8c [REDACTED] is willing to help us 25X1X7 make contacts with the various base commanders. Letters will be sent to likely bases asking if they possess Soviet equipment. After bases indicate that they have materiel, will try to make visits to the individual bases to see just what they have, and the possibility of securing their cooperation 25X1B4d [REDACTED] Would like to keep pretty well flagged on the schedule of any additional people coming over so I would know how fast I should be making these contacts. Do not want to make them too early. The inventory of materiel includes:

SECURITY INFORMATION

Approved For Release 2000/08/03 : CIA-RDP75-00662R000200040124-2

SECRET

SECRET

25X1B4d **SECURITY INFORMATION**

25X1B4d

11. Am a little confused as to my relationship to Trade Fairs. Am I to attend any of them myself, or am I just to make sure that all

25X1B4d

In this connection, the control number - start number procedure to be used for documents was still in the debate stage. Would like to hear what procedure was decided upon.

25X1C8c

12. [redacted] would like to extend his thanks for the kind comments on his first photographic effort, and feels it only fair to warn you that your representative is closeted with a Leicaphobe.

25X1C8a

25X1B4d

13. Understand that there are [redacted] reports called [redacted] which are the equivalent to our [redacted] and that these sometime contain [redacted] These go to Washington Via [redacted] At the first opportunity will cite you a reference number so you can check to see if the reports are filtering down to D/T level.

25X1X7

25X1C8a

25X1X7

25X1A6a

14. Received your first periodic report on the 15th September and very pleased to hear from you. Am getting fairly well settled down now. Have rented [redacted] and am scheduled to move in on the 1st October. Meanwhile, am staying with another member of the group in [redacted]

25X1A6a

Have spent a good deal of time house hunting, securing the necessary cards to exist, and getting my car through Customs. Still have household goods to process through [redacted] All in all, now that I have bought a corduroy vest for flash and warmth, I am enjoying myself immensely. My regards to all in the office.

25X1A6a

25X1A9a

Enclosures: *to D/T 1 Oct 54*
4 rolls of film
Literature for [redacted]
Strobe light

25X1X7

SECRET

SECURITY INFORMATION